

Valid from firmware version: V1.1

9 CH / 11 CH:

CHANNEL		VALUE	FUNCTION
9ch	11ch		
1	1	000-255	RED 0%→100%
2	2	000-255	GREEN 0%→100%
3	3	000-255	BLUE 0%→100%
4	4	000-255	AMBER 0%→100%
5	5	000-255	WARM WHITE 0%→100%
			COLOR MACRO
		000-009	Null
		010-016	Color 1
		017-023	Color 2
		024-030	Color 3
		031-037	Color 4
		038-044	Color 5
		045-051	Color 6
		052-058	Color 7
		059-065	Color 8
		066-072	Color 9
		073-079	Color 10
		080-086	Color 11
		087-093	Color 12
		094-100	Color 13
		101-107	Color 14
		108-114	Color 15
		115-121	Color 16
		122-128	Color 17
		129-135	Color 18
		136-142	Color 19
		143-149	Color 20
		150-156	Color 21
		157-163	Color 22
		164-170	Color 23
		171-177	Color 24
		178-184	Color 25
		185-191	Color 26

CHANNEL		VALUE	FUNCTION
		192-198	Color 27
		199-205	Color 28
		206-212	Color 29
		213-219	Color 30
		220-226	Color 31
		227-233	Color 32
		234-255	Color 33
7		000	CTO
		001-004	Null
		005-009	8000K
		010-013	7900K
		014-018	7800K
		019-022	7700K
		023-027	7600K
		028-031	7500K
		032-036	7400K
		037-040	7300K
		041-045	7200K
		046-049	7100K
		050-054	7000K
		055-058	6900K
		059-063	6800K
		064-067	6700K
		068-072	6600K
		073-076	6500K
		077-081	6400K
		082-085	6300K
		086-090	6200K
		091-094	6100K
		095-099	6000K
		100-103	5900K
		104-108	5800K
		109-112	5700K
		113-117	5600K
		118-121	5500K
		122-126	5400K
		127-130	5300K
		131-135	5200K
		136-139	5100K
		140-144	5000K
		145-148	4900K
		149-153	4800K
			4700K

CHANNEL		VALUE	FUNCTION
		154-157	4600K
		158-162	4500K
		163-166	4400K
		167-171	4300K
		172-175	4200K
		176-180	4100K
		181-184	4000K
		185-189	3900K
		190-193	3800K
		194-198	3700K
		199-202	3600K
		203-207	3500K
		208-211	3400K
		212-216	3300K
		217-220	3200K
		221-225	3100K
		226-229	3000K
		230-234	2900K
		235-238	2800K
		239-243	2700K
		244-247	2600K
		248-255	2500K
6	8	000-255	DIMMER 0%→100%
7	9	000-255	DIMMER FINE
8	10	000-005	STROBE Open
		006-123	Flash Rate, Slow to Fast
		124-127	Open
		128-185	2 LEDs Random Strobe at the same time, Slow to Fast
		186-190	Open
		191-249	2 LEDs Random Strobe respectively, Slow to Fast
		250-255	Open
9	11		SPECIAL FUNCTION (To activate following functions, stop in DMX value for at least 3 seconds.)
		000-029	Null
		030-039	Dimmer Curve: Linear
		040-049	Dimmer Curve: Square Law
		050-059	Dimmer Curve: Inv SQ Law

CHANNEL		VALUE	FUNCTION
		060-069	Dimmer Curve: S Curve
		070-079	Fan Mode Auto
		080-089	Fan Mode Quiet
		090-099	Fan Mode Surper Quiet
		100-109	Led Frequency Setting Enable
		110-119	Led Frequency Setting Disable
		120-122	Null
		123	900Hz
		124	1000Hz
		125	1100Hz
		126	1200Hz
		127	1300Hz
		128	1400Hz
		129	1500Hz
		130	2500Hz
		131	4000Hz
		132	5000Hz
		133	6000Hz
		134	10KHz
		135	15KHz
		136	20KHz
		137	25KHz
		138-159	Null
		160-161	Invert Pixel Order : Yes
		162-163	Invert Pixel Order : No
		164-165	CCT Calibration: On
		166-167	CCT Calibration: Off
		168-169	Dimming Start Mode: High
		170-171	Dimming Start Mode: Low
		172-209	Null
		210-219	Dimmer Speed: Fast
		220-229	Dimmer Speed: Smooth
		230-239	Dimmer Speed: Tungsten1
		240-249	Dimmer Speed: Tungsten2
		250-252	Dimmer Speed: Tungsten3
		253-255	Null

14 CH / 16 CH:

CHANNEL		VALUE	FUNCTION
14ch	16ch		
1	1	000-255	RED 1 0%→100%

CHANNEL		VALUE	FUNCTION
2	2	000-255	GREEN 1 0%→100%
3	3	000-255	BLUE 1 0%→100%
4	4	000-255	AMBER 1 0%→100%
5	5	000-255	WARM WHITE 1 0%→100%
6	6	000-255	RED 2 0%→100%
7	7	000-255	GREEN 2 0%→100%
8	8	000-255	BLUE 2 0%→100%
9	9	000-255	AMBER 2 0%→100%
10	10	000-255	WARM WHITE 2 0%→100%
	11	000-009 010-016 017-023 024-030 031-037 038-044 045-051 052-058 059-065 066-072 073-079 080-086 087-093 094-100 101-107 108-114 115-121 122-128 129-135 136-142 143-149 150-156 157-163	COLOR MACRO Null Color 1 Color 2 Color 3 Color 4 Color 5 Color 6 Color 7 Color 8 Color 9 Color 10 Color 11 Color 12 Color 13 Color 14 Color 15 Color 16 Color 17 Color 18 Color 19 Color 20 Color 21 Color 22

CHANNEL		VALUE	FUNCTION
		164-170	Color 23
		171-177	Color 24
		178-184	Color 25
		185-191	Color 26
		192-198	Color 27
		199-205	Color 28
		206-212	Color 29
		213-219	Color 30
		220-226	Color 31
		227-233	Color 32
		234-255	Color 33
	12	000	CTO
		001-004	Null
		005-009	8000K
		010-013	7900K
		014-018	7800K
		019-022	7700K
		023-027	7600K
		028-031	7500K
		032-036	7400K
		037-040	7300K
		041-045	7200K
		046-049	7100K
		050-054	7000K
		055-058	6900K
		059-063	6800K
		064-067	6700K
		068-072	6600K
		073-076	6500K
		077-081	6400K
		082-085	6300K
		086-090	6200K
		091-094	6100K
		095-099	6000K
		100-103	5900K
		104-108	5800K
		109-112	5700K
		113-117	5600K
		118-121	5500K
		122-126	5400K
		127-130	5300K
		131-135	5200K
			5100K

CHANNEL		VALUE	FUNCTION
		136-139	5000K
		140-144	4900K
		145-148	4800K
		149-153	4700K
		154-157	4600K
		158-162	4500K
		163-166	4400K
		167-171	4300K
		172-175	4200K
		176-180	4100K
		181-184	4000K
		185-189	3900K
		190-193	3800K
		194-198	3700K
		199-202	3600K
		203-207	3500K
		208-211	3400K
		212-216	3300K
		217-220	3200K
		221-225	3100K
		226-229	3000K
		230-234	2900K
		235-238	2800K
		239-243	2700K
		244-247	2600K
		248-255	2500K
11	13	000-255	DIMMER 0%→100%
12	14	000-255	DIMMER FINE
13	15	000-005	STROBE Open
		006-123	Flash Rate, Slow to Fast
		124-127	Open
		128-185	2 LEDs Random Strobe at the same time, Slow to Fast
		186-190	Open
		191-249	2 LEDs Random Strobe respectively, Slow to Fast
14	16	250-255	Open
			SPECIAL FUNCTION (To activate following functions, stop in DMX value for at least 3 seconds.)

CHANNEL		VALUE	FUNCTION
		000-029	Null
		030-039	Dimmer Curve: Linear
		040-049	Dimmer Curve: Square Law
		050-059	Dimmer Curve: Inv SQ Law
		060-069	Dimmer Curve: S Curve
		070-079	Fan Mode Auto
		080-089	Fan Mode Quiet
		090-099	Fan Mode Surper Quiet
		100-109	Led Frequency Setting Enable
		110-119	Led Frequency Setting Disable
		120-122	Null
		123	900Hz
		124	1000Hz
		125	1100Hz
		126	1200Hz
		127	1300Hz
		128	1400Hz
		129	1500Hz
		130	2500Hz
		131	4000Hz
		132	5000Hz
		133	6000Hz
		134	10KHz
		135	15KHz
		136	20KHz
		137	25KHz
		138-159	Null
		160-161	Invert Pixel Order : Yes
		162-163	Invert Pixel Order : No
		164-165	CCT Calibration: On
		166-167	CCT Calibration: Off
		168-169	Dimming Start Mode: High
		170-171	Dimming Start Mode: Low
		172-209	Null
		210-219	Dimmer Speed Fast
		220-229	Dimmer Speed Smooth
		230-239	Dimmer Speed Tungsten1
		240-249	Dimmer Speed Tungsten2
		250-252	Dimmer Speed Tungsten3
		253-255	Null

(WW) 1 CH / 2 CH / 4 CH / 6 CH:

CHANNEL				VALUE	FUNCTION
1ch	2ch	4ch	6ch		
	1	1	1	000-255	 LED 1 DIMMER 0%→100%
			2	000-255	 LED 1 DIMMER FINE 0%→100%
	2	2	3	000-255	 LED 2 DIMMER 0%→100%
			4	000-255	 LED 2 DIMMER FINE 0%→100%
1		3	5	000-255	 DIMMER 0%→100%
		4	6	000-005 006-123 124-127 128-185 186-190 191-249 250-255	STROBE Open Flash Rate, Slow to Fast Open 2 LEDs Random Strobe at the same time, Slow to Fast Open 2 LEDs Random Strobe respectively, Slow to Fast Open

(RGBW) 6 CH / 7 CH / 10 CH:

CHANNEL			VALUE	FUNCTION
6ch	7ch	10ch		
1	1		000-255	RED 0%→100%
2	2		000-255	GREEN 0%→100%
3	3		000-255	BLUE 0%→100%
4	4		000-255	WHITE 0%→100%
		1	000-255	RED 1 0%→100%

CHANNEL			VALUE	FUNCTION
		2	000-255	GREEN 1 0%→100%
		3	000-255	BLUE 1 0%→100%
		4	000-255	WHITE 1 0%→100%
		5	000-255	RED 2 0%→100%
		6	000-255	GREEN 2 0%→100%
		7	000-255	BLUE 2 0%→100%
		8	000-255	WHITE 2 0%→100%
				COLOR MACRO
			000-007	Null
			008-015	Color 1
			016-023	Color 2
			024-031	Color 3
			032-039	Color 4
			040-047	Color 5
			048-055	Color 6
			056-063	Color 7
			064-071	Color 8
			072-079	Color 9
			080-087	Color 10
			088-095	Color 11
			096-103	Color 12
			104-111	Color 13
			112-119	Color 14
			120-127	Color 15
			128-135	Color 16
			136-143	Color 17
			144-151	Color 18
			152-159	Color 19
			160-167	Color 20
			168-175	Color 21
			176-183	Color 22
			184-191	Color 23
			192-199	Color 24
			200-207	Color 25
			208-213	Color 26

CHANNEL			VALUE	FUNCTION
			214-219	Color 27
			220-225	Color 28
			226-231	Color 29
			232-237	Color 30
			238-243	Color 31
			244-249	Color 32
			250-255	Color 33
5	6	9	000-255	DIMMER 0%→100%
6	7	10	000-005	STROBE Open
			006-123	Flash Rate, Slow to Fast
			124-127	Open
			128-185	2 LEDs Random Strobe at the same time, Slow to Fast
			186-190	Open
			191-249	2 LEDs Random Strobe respectively, Slow to Fast
			250-255	Open